Abstract

A heat transfer liquid concentrate comprises, in addition to at least one glycol,

5 a) from 0.05 to 10, preferably from 0.1 to 5, % by weight of one or more aliphatic amines of the formula (I),

$$\begin{array}{ccc}
R^{1} & N - R^{2} \\
\downarrow & & \\
R^{3}
\end{array} \tag{I}$$

- where R^1 to R^3 may be identical or different and are hydrogen, optionally branched C_1 - C_9 -alkyl or C_1 - C_9 -hydroxyalkyl,
 - b) from 0.005 to 3, preferably from 0.01 to 1, % by weight of one or more silicates which may have been stabilized,
 - c) from 0 to 3% by weight of one or more corrosion inhibitors selected from the group consisting of the hydrocarbon-triazoles and of the hydrocarbon-thiazoles,
- d) from 0 to 5% by weight of one or more alkali metal, ammonium or substituted ammonium molybdates and
 - e) from 0 to 1% by weight of one or more polymeric hard water stabilizers.

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The concentrates, if required after prior dilution with water, are particularly suitable for use in solar plants in which a heat transfer liquid is in direct contact with the glass of the solar plant.